

Science 2005, Grade 8

Science Composite

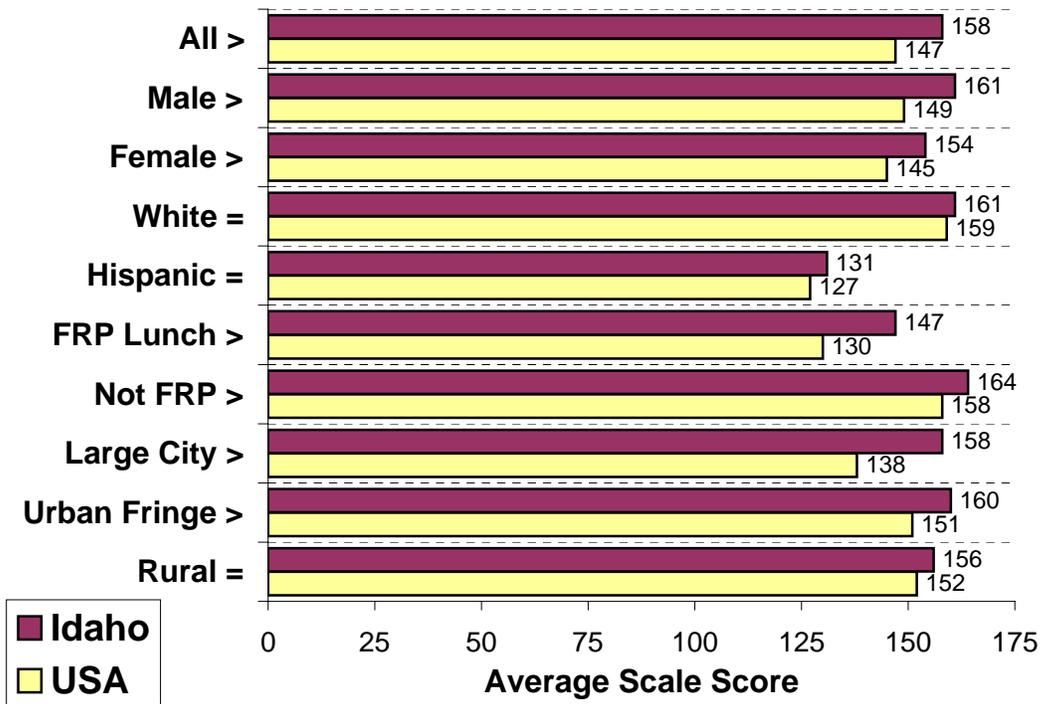


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The science assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student knowledge and skills in the earth, physical and life sciences. The science scale for the eighth grade ranged from 0 to 300, where 143 was *Basic* (i.e., grade-level performance), 170 was *Proficient*, and 207 was *Advanced*.

Demographic Group Comparison on Science Average Scale Score

Science 2005, Grade 8, Idaho v. USA



◆ In 2005, Idaho eighth graders had an average scale score in science that was higher than their national counterparts in seven (7) demographic groups, namely, all students, male students, female students, students qualifying for free or reduced price meals, student not qualifying for free or reduced price means, students in large city school districts (U.S. Census definition), and students in urban fringe school districts.

◆ In 2005, three (3) demographic groups of Idaho eighth graders had an average scale score in science that was not significantly different from their national counterparts: White students, Hispanic students, and students in rural school districts.

◆ In 2005, no (0) demographic group of Idaho eighth graders had an average scale score in science that was lower than its national counterpart.

Comparisons based on statistical tests (.05 level) that consider sample size, magnitude of difference, and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.